

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 2-5, 7, 9, 10, and 12 are pending in the application, with claims 3 and 9 being the independent claims. Claims 6, 8, and 11 are sought to be canceled without prejudice to or disclaimer of the subject matter therein. Claims 2-5, 7, 9, and 10 are sought to be amended. New claim 12 is sought to be added. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding rejections and that they be withdrawn.

Rejections Under 35 U.S.C. § 112

In Paragraph 6 of the Office Action, claims 2-11 were rejected under the first paragraph of 35 U.S.C. § 112 as allegedly:

failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the invention(s), at the time the application was filed, had possession of the claimed invention.

The amended claims 3 and 9 include the limitation determining a viewing position, "wherein said determined viewing position is independent of an angle formed between a first direction from said determined viewing position to the scene and a second direction that coincides with a boundary of the rectangular subvolume" which is not described in the specification. Claims 2, 4-8 and 10-11 are rejected because they are dependent on rejected claims 3 and 9.

Regarding claims 6, 8, and 11, Applicant has canceled these claims without prejudice to or disclaimer of the subject matter therein, thereby rendering these rejections moot.

Regarding claims 3 and 9, Applicant has amended claim 3 to delete the feature of "wherein said determined viewing position is independent of an angle formed between a first direction from said determined viewing position to the scene and a second direction that coincides with a boundary of the rectangular subvolume[.]" Applicant has amended claim 9 in a similar manner. Thus, the amendments to claims 3 and 9 render the rejections under the first paragraph of 35 U.S.C. § 112 moot.

Regarding claims 2, 4, 5, 7, and 10, the rejections of these claims under the first paragraph of 35 U.S.C. § 112 are also rendered moot because these claims depend from claims 3 or 9.

In Paragraph 8 of the Office Action, claims 2-11 were rejected under the second paragraph of 35 U.S.C. § 112 as allegedly:

being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 3 and 9 recite the limitation "wherein said determined viewing position is independent of an angle formed between a first direction from said determined viewing position to the scene and a second direction that coincides with a boundary of the rectangular subvolume" in line 8-11 and 17-20, respectively. There is insufficient antecedent basis for this limitation in the claims.

Regarding claims 6, 8, and 11, Applicant has canceled these claims without prejudice to or disclaimer of the subject matter therein, thereby rendering these rejections moot.

Regarding claims 3 and 9, Applicant has amended claim 3 to delete the feature of "wherein said determined viewing position is independent of an angle formed between a first direction from said determined viewing position to the scene and a second direction that coincides with a boundary of the rectangular subvolume[.]" Applicant has amended claim 9 in a similar manner. Thus, the amendments to claims 3 and 9 render the rejections under the second paragraph of 35 U.S.C. § 112 moot.

Regarding claims 2, 4, 5, 7, and 10, the rejections of these claims under the second paragraph of 35 U.S.C. § 112 are also rendered moot because these claims depend from claims 3 or 9.

Additional Amendments

Applicant has also amended each of independent claims 3 and 9 to recite, *inter alia* (emphasis added), "wherein outputs from the multiple graphics processing units are ***direct*** inputs to first stage image combiners and outputs from ***at least two*** of the first stage image combiners are ***direct*** inputs to a second stage image combiner[.]" None of U.S. Patent Nos. 5,794,016 to Kelleher, 6,532,017 to Knittel *et al.*, or 6,597,363 to Duluk, Jr. *et al.*, alone or in combination, discloses, teaches, or suggests this feature. Claims 2, 4, 5, 7, 10, and 12 depend from claims 3 or 9. Accordingly, Applicant respectfully requests that the Examiner reconsider claims 2-5, 7, 9, 10, and 12 and pass these claims to allowance.

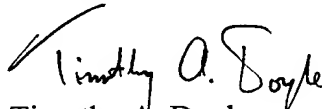
Conclusion

All of the stated grounds of rejection have been rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Timothy A. Doyle
Attorney for Applicant
Registration No. 51,262

Date: 1 Jul 05

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600